

Title (en)

Method for manufacturing a two layers winding

Title (de)

Verfahren zum Herstellen einer zweischichtigen Schleifenwicklung

Title (fr)

Méthode de fabrication d'un enroulement à deux étages

Publication

EP 1494337 B1 20100721 (DE)

Application

EP 04005087 A 20040304

Priority

DE 10329576 A 20030630

Abstract (en)

[origin: US2004216302A1] The method of making a two-layer lap winding (12) for a multiphase electrical machine from a wire bundle (33) includes the steps of winding a first coil unit (20) of a first phase winding (14) around a winding bar (14); subsequently laying a coil connector (18) of the first phase winding (14) in a first direction and winding at least one other coil unit (16) of at least one other phase winding (14) over the coil connector (18). A method of making a stator from the two-layer lap winding (12) is also described.

IPC 8 full level

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CPC (source: EP US)

H02K 3/28 (2013.01 - EP US); **H02K 15/026** (2013.01 - EP US); **H02K 15/0471** (2013.01 - EP US); **H02K 15/06** (2013.01 - EP US); **Y10T 29/49009** (2015.01 - EP US); **Y10T 29/49012** (2015.01 - EP US); **Y10T 29/49071** (2015.01 - EP US); **Y10T 29/49073** (2015.01 - EP US); **Y10T 29/49174** (2015.01 - EP US)

Cited by

WO2006008134A1; CN102460913A; CN103329404A; LU101030B1; US9013085B2; WO2010070148A2; WO2010136445A1; US7703192B2; DE102009055043A1; US9362794B2; EP2647104B1

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